MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2022/2023

DIR5014 INTRODUCTION TO INDUSTRY 4.0

(All Sections/Groups)

06 OCTOBER 2023
9.00 A.M – 11.00 A.M
(2 hours)

INSTRUCTIONS TO STUDENT

1. This question paper consists of 1 page excluding cover page.

2. Attempt **ALL** questions. The distribution of the marks for each question is given.

QUESTION 1

a) Explain the **FIVE (5)** common threats and vulnerabilities in Network Layer.

(15 marks)

b) Describe the **FIVE (5)** strategic principles of cybersecurity.

(10 marks)

[Total 25 Marks]

QUESTION 2

a) Explain the **FOUR (4)** differences of Cloud Robotics and Internet of Robotic Things in technological components of robots.

(16 marks)

b) Describe the 5C's architecture in cognitive for cyber physical robotics. (10 marks)

[Total 26 Marks]

QUESTION 3

a) Provide any **FOUR (4)** of significant impacts of technological and social innovation.

(16 marks)

b) Describe the **FOUR (4)** driving factors contribute to the making of smart city.

(8 marks)

[Total 24 Marks]

QUESTION 4

a) Briefly explain the **FOUR (4)** categories of smart connected product capabilities.

(16 marks)

b) Define business modeling. Describe the **FOUR (4)** fundamentals of successful business model.

(9 marks)

[Total 25 Marks]

End of Paper